

Glossary

Base Units

ampere (A) electric current

candela (cd) luminous intensity

kelvin (K) thermodynamic temperature

kilogram (kg) mass

metre (m) length

mole (mol) amount of substance

second (s) time

Derived Units

ampere per square metre (A m^{-2})
density

candela per square metre (cd m^{-2})
luminance

cubic metre (m^3) volume

cubic metre per kilogram
($\text{m}^3 \text{kg}^{-1}$) specific volume

metre per second (m s^{-1}) velocity

metre per second squared (m s^{-2})
acceleration

mole per cubic metre (mol m^{-3})
concentration

per metre (m^{-1}) wave number

square metre (m^2) area